

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for testing a handover function between cells covered by ~~the~~ a plurality of base station radio apparatuses in a mobile communication system, the mobile communication system ~~at the least including~~ comprising a mobile station, the plurality of base station radio apparatuses ~~that each configured to perform communication with the mobile station,~~ and a radio base station control apparatus ~~that controls~~ configured to control transmission powers for the plurality of base station radio apparatuses, ~~wherein~~ the method comprising:

receiving a plurality of reception power levels measured by the mobile station,
wherein each of the plurality of reception powers levels is associated with a different one of the plurality of base station radio apparatuses;

~~a step of~~ calculating a difference between two of the plurality of reception power levels of reception fields for two of the plurality of base station radio apparatuses ~~that cover the cells for which the handover test of the mobile terminal is to be performed;~~

comparing the calculated difference with a predetermined threshold value;

a step of if the calculated difference is greater than the predetermined threshold:

controlling transmission power powers of one of the two of the plurality of base station radio apparatuses so that ~~[[a]] the difference becomes~~ is equal to or smaller than ~~[[a]] the~~ predetermined threshold value; and

performing a step of performing the a handover function test between the cells covered by the two of the plurality of base station radio apparatuses, ~~the difference between the levels of the reception fields of which is equal to or smaller than the threshold value.~~

2. (Currently Amended) A method according to claim 1, wherein ~~at the step process of controlling transmission power of one of the two of the plurality of powers,~~ the transmission power of the base station radio apparatuses comprises controlling the transmission power of the base station radio apparatus which has the higher received

reception power level ~~for which the difference has been calculated and for which the level of the reception field is high is controlled, so that the difference is equal to or smaller than the predetermined value.~~

3. (Currently Amended) A method according to claim 1 ~~[[or 2]]~~, wherein ~~the method further comprises: if the calculated difference is equal to or less than the predetermined threshold:~~

performing a handover function test between cells covered by the two of the plurality of base station radio apparatuses without controlling transmission power of one of the two of the plurality of base station radio apparatuses.

~~a step of measuring reception field levels of the mobile terminal;~~

~~a step of notifying the radio base station control apparatus of the measured reception field levels;~~

~~a step of calculating a difference between the reception field levels that are notified;~~

~~a step of comparing a difference in the thus calculated reception field levels with the threshold value;~~

~~a step of, when the difference is greater than the threshold value, calculating an adjusted value to control transmission powers of the base station radio apparatuses, so that the difference is equal to or smaller than a predetermined threshold value; and~~

~~a step of employing the adjusted value to control the transmission powers of the base station radio apparatuses.~~

4. (Currently Amended) A ~~spectrum spread~~ mobile communication system comprising:

a mobile station configured to transmit a plurality of reception power levels measured by the mobile station, wherein each of the plurality of reception powers levels is associated with a different one of a plurality of base station radio apparatuses[[,]];

the plurality of base station radio apparatuses configured to that perform communication with the mobile station; and

a radio base station control apparatus configured to control that controls transmission power powers for the plurality of base station radio apparatuses, and further configured to

~~perform performing~~ a handover function test between cells covered by the plurality of base station radio apparatuses,

wherein the radio base station control apparatus is configured to receive the plurality of reception power levels measured by the mobile station and calculate ~~calculates~~ a difference between two of the plurality of reception power levels of reception fields for two of the plurality of base station radio apparatuses ~~that cover the cells for which the handover test of the mobile terminal is to be performed and;~~

wherein the radio base station control apparatus is configured to compare the calculated difference with a predetermined threshold value, and if the calculated difference is greater than the predetermined threshold:

the radio base station control apparatus is configured to control transmission power powers of one of the two of the plurality of base station radio apparatuses so that the difference becomes ~~[[is]]~~ equal to or smaller than a predetermined threshold value, and perform a the handover function test being performed between the cells covered by the two of the plurality of base station radio apparatuses, ~~for which the difference between the levels of the reception fields is equal to or smaller than the threshold value.~~

5. (Currently Amended) A ~~spectrum-spread~~ mobile communication system according to claim 4, wherein the radio base station control apparatus is configured to control ~~controls~~ the transmission power of the one of the two of the plurality of base station radio apparatus apparatuses which has the higher received reception power level, ~~for which the difference has been calculated and for which the level of the reception field is high, so that the difference is equal to or smaller than the predetermined value.~~

6. (Currently Amended) A ~~spectrum-spread~~ mobile communication system according to claim 5, wherein ~~the radio base station control apparatus includes: if the~~ calculated difference is equal to or less than the predetermined threshold:

the radio base station control apparatus is configured to perform a handover function test between cells covered by the two of the plurality of base station radio apparatuses without controlling transmission power of one of the two of the plurality of base station radio apparatuses.

~~reception field level determination means, for identifying reception field levels at the mobile terminal;~~

~~reception field level difference calculation means, for calculating a difference in the reception field levels identified by the reception field level determination means;~~

~~reception field level difference comparison means, for comparing the difference in the reception field levels obtained by the reception field level difference calculation means with the threshold value;~~

~~adjusted value calculation means, for, when as the comparison result obtained by the reception field level difference comparison means a difference is greater than the threshold value, calculating an adjusted value to control the transmission powers of the base station radio apparatuses, so that the difference is equal to or smaller than a predetermined value;~~

~~transmission power control value calculation means, for employing the adjusted value obtained by the adjusted value calculation means to calculate a transmission power control value for controlling the transmission powers of the base station radio apparatuses; and~~

~~transmission power control means, for controlling the transmission powers of the base station radio apparatuses based on the transmission power control values obtained by the transmission power control value calculation means.~~

7. (New) A radio base station control apparatus configured to perform a handover function test between cells, comprising:

an interface configured to receive a plurality of reception power levels measured by a mobile station, wherein each of the plurality of reception powers levels is associated with a different one of a plurality of base station radio apparatuses;

a reception field difference calculating part configured to calculate a difference between two of the plurality of reception power levels for two of the plurality of base station radio apparatuses;

a reception field difference comparing part configured to compare the calculated difference with a predetermined threshold value; and

a transmission power control part,
wherein if the calculated difference is greater than the predetermined threshold:

the transmission power control part is configured to control transmission power of one of the two of the plurality of base station radio apparatuses so that the difference becomes equal to or smaller the predetermined threshold value.

8. (New) A radio base station control apparatus according to claim 7, wherein the radio base station control apparatus is configured to perform a handover function test between the cells covered by the two of the plurality of base station radio apparatuses.

9. (New) A radio base station control apparatus according to claim 7, wherein the transmission power control part is configured to control the transmission power of the one of the two of the plurality of base station radio apparatus which has the higher received reception power level.